

YS4PC150-1R2-1R4-N

4-Way Power Combiner, 150 W, 1.2-1.4 GHz, N-Type

Key Features

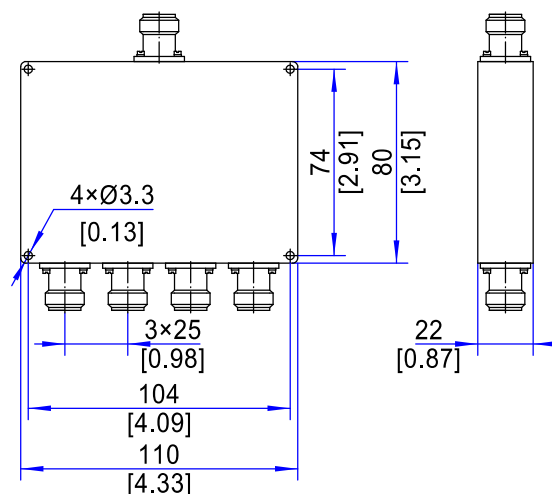
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

- RF power amplifier combining
- Wireless infrastructure
- SATCOM systems
- Radar transmitters
- RF test systems

Electrical Specifications		
1	Frequency Range	1.2-1.4 GHz
2	Insertion Loss	≤ 0.35 dB
3	VSWR	$\leq 1.30:1$
4	Isolation	≥ 18 dB
5	Amplitude Balance	$\leq \pm 0.2$ dB
6	Phase Balance	$\leq \pm 2^\circ$
7	Power Handling	150 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	110×80×22 mm / [4.33×3.15×0.87 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.2 mm)



Note 1: Excluding Connectors